

**LISTING OF THE CLAIMS**

1. (Currently Amended) A process for making a fruit and/or vegetable derived composition comprising the steps of:
  - a) preparing a pulp from one or more fruit(s) and/or vegetable(s);
  - ~~a~~b) heating a said fruit and/or vegetable pulp up to a temperature in the range of about 40°C to 100° C; and
  - ~~b~~c) mixing between about 1 and 40% w/w of a ~~mild~~ base having a pK<sub>a</sub> of less than 11 with the heated fruit and/or vegetable pulp of step (b) whilst said pulp has a temperature in the range specified in step (b).
2. (Currently Amended) The process ~~as claimed in~~ of claim 1 further including the step of ~~e) d)~~ filtering the resulting composition obtained in step (c).
3. (Currently Amended) The process ~~as claimed in~~ of claim 2, further including the step of freezing and thawing the composition prior to filtering.
4. (Currently Amended) The process ~~as claimed in~~ of claim 1, further including the step of beating the mixture following addition of the ~~mild~~ base in step (c).
5. (Currently Amended) The process ~~as claimed in~~ of claim 1 wherein the ~~mild base is added such that the~~ resulting composition obtained in step (c) has a pH in the range of about 7.5 to about 9.5.
6. (Original) A fruit and/or vegetable derived composition prepared according to the process of claim 1.
7. (Currently Amended) A The fruit and/or vegetable derived composition of claim 6 ~~comprising at least one fruit and/or vegetable pulp and a mild base, said composition~~ having a pH in the range of about 7.5 to about 9.5.
8. (Cancel).
9. (Cancel).
10. (Currently Amended) A method of treating or ~~preventing~~ prophylactically treating a patient suffering from a dermatological and/or epidermal disorders selected from the group

consisting of psoriasis, eczema, dry skin, split heels, rosacea, alopecia, first to third degree burns, sunburn, acne, skin wrinkles, scarring, gangrene, sores, mouth ulcers and skin infections comprising the identifying the afflicted area in said patient and topically application of administering to the area an effective amount of a the composition of as claimed in claim 6 to a mammal in need thereof wherein the fruit and/or vegetable is paw paw and optionally one or more other fruits and/or vegetables.

11. (Currently Amended) A method of treating or prophylactically treating pain associated ~~with~~ in a patient suffering from arthritis, gout, ~~and other~~ or muscular and joint related aches ~~and pain~~ comprising the identifying the afflicted area in said patient and topically application of administering to the area an effective amount of a the composition of as claimed in claim 6 to a mammal in need thereof wherein the fruit and/or vegetable is paw paw and optionally one or more other fruits and/or vegetables.

12. (New) A method of treating a wound in a patient comprising topically administering to the area of the wound in said patient an effective amount of the composition of claim 6, wherein the fruit and/or vegetable is paw paw and optionally one or more other fruits and/or vegetables.

13. (New) A method according to claim 12 wherein the wound is selected from the group consisting of scarring, gangrene, sores, mouth ulcers and first to third degree burns.

14. (New) A method of prophylactically treating a patient susceptible to the occurrence of sores comprising topically administering to the susceptible area in said patient an effective amount of the composition of claim 6, so as to prevent the occurrence of sores in said patient, wherein the fruit and/or vegetable is paw paw and optionally one or more other fruits and/or vegetables.

15. (New) A method of treating or prophylactically treating a patient suffering from a dermatological or epidermal disorder selected from the group consisting of psoriasis, eczema, dry skin, split heels, rosacea, alopecia, first to third degree burns, sunburn, acne, skin wrinkles, scarring, gangrene, sores, mouth ulcers and skin infections comprising identifying the afflicted area in said patient and topically administering to the area an effective amount of a composition prepared by a process comprising the steps of:

- a) preparing a pulp from paw paw and optionally one or more other fruits and/or vegetables;
  - b) heating said pulp up to a temperature in the range of about 40°C to 100° C; and
  - c) mixing between about 1 and 40% w/w of a base having a  $pK_a$  of less than 11 with the heated pulp of step (b) whilst said pulp has a temperature in the range specified in step (b).
16. (New) A method of treating or prophylactically treating pain in a patient suffering from arthritis, gout, or muscular and joint related aches comprising identifying the afflicted area in said patient and topically administering to the area an effective amount of a composition prepared by a process comprising the steps of:
- a) preparing a pulp from paw paw and optionally one or more other fruits and/or vegetables;
  - b) heating said pulp up to a temperature in the range of about 40°C to 100° C; and
  - c) mixing between about 1 and 40% w/w of a base having a  $pK_a$  of less than 11 with the heated pulp of step (b) whilst said pulp has a temperature in the range specified in step (b).
17. (New) A method of treating a wound in a patient comprising topically administering to the area of the wound an effective amount of a composition prepared by a process comprising the steps of:
- a) preparing a pulp from paw paw and optionally one or more other fruits and/or vegetables;
  - b) heating said pulp up to a temperature in the range of about 40°C to 100° C; and
  - c) mixing between about 1 and 40% w/w of a base having a  $pK_a$  of less than 11 with the heated pulp of step (b) whilst said pulp has a temperature in the range specified in step (b).
18. (New) A method according to 17 wherein the wound is selected from scarring, gangrene, sores, mouth ulcers and first to third degree burns.

19. (New) A method of prophylactically treating a patient susceptible to the occurrence of sores comprising topically administering to the susceptible area in said patient an effective amount of a composition prepared by a process comprising the steps of:
  - a) preparing a pulp from paw paw and optionally one or more other fruits and/or vegetables;
  - b) heating said pulp up to a temperature in the range of about 40°C to 100° C; and
  - c) mixing between about 1 and 40% w/w of a base having a  $pK_a$  of less than 11 with the heated pulp of step (b) whilst said pulp has a temperature in the range specified in step (b).
20. (New) The composition of claim 6, wherein the fruit and/or vegetable is selected from the group consisting of pawpaw, peach and a combination thereof.
21. (New) The process of claim 1, wherein the fruit and/or vegetable is selected from the group consisting of pawpaw, peach and a combination thereof.
22. (New) The process of claim 1, wherein the fruit and/or vegetable pulp is heated to from about 40°C to 70°C.
23. (New) The process of claim 22, wherein the fruit and/or vegetable pulp is heated to from about 50°C to 60°C.
24. (New) The process of claim 22 wherein the fruit and/or vegetable is selected from the group consisting of pawpaw, peach and a combination thereof.
25. (New) The process of claim 23, wherein the fruit and/or vegetable is selected from the group consisting of pawpaw, peach and a combination thereof.
26. (New) The process of claim 1, wherein the fruit and/or vegetable is selected from the group consisting of paw-paw, peach, mango, lime, mandarin, grapes, rockmelon, oranges, passion fruit, lemon, plums, grape, pineapple, pear, apple, tomato, avocado, potato, capsicum, pumpkin, carrot, lettuce, cucumber, cabbage, beetroot, apricot, melon, grapefruit, berries, banana and combinations thereof.
27. (New) The process of claim 1, wherein the base comprises a bicarbonate and/or a carbonate.

28. (New) The process of claim 27, wherein the base comprises a water-soluble alkali metal bicarbonate salt and/or a water-soluble alkali metal carbonate salt.
29. (New) The process of claim 1, wherein the base comprises  $\text{CO}_3^{2-}$ ,  $\text{CN}^-$ ,  $\text{NH}_3$ ,  $\text{HS}^-$ ,  $\text{HCO}_3^-$ ,  $\text{CH}_3\text{CO}_2^-$ ,  $\text{NO}_2^-$ ,  $\text{F}^-$ ,  $\text{H}_2\text{PO}_4^-$ ,  $\text{SO}_4^{2-}$ ,  $\text{NO}_3^-$ ,  $\text{Cl}^-$ ,  $\text{Br}^-$ ,  $\text{I}^-$ ,  $\text{HSO}_4^-$  and/or  $\text{ClO}_4^-$ .
30. (New) The process of claim 1, wherein the amount of base added is about 3% to 14% w/w.
31. (New) The process of claim 28, wherein the amount of base added is about 3% to 14% w/w.
32. (New) The process of claim 30, wherein the fruit and/or vegetable is selected from the group consisting of pawpaw, peach and a combination thereof.
33. (New) A process for making a therapeutic composition comprising the steps of:
- preparing a pulp from one or more fruit(s) and/or vegetable(s);
  - heating said pulp up to a temperature in the range of about 40°C to 100° C;
  - mixing between about 1 and 40% w/w of a base having a  $\text{pK}_a$  of less than 11 with the heated pulp of step (b) whilst the heated pulp has a temperature of about 40°C to 100°C; and
  - combining the composition obtained in step (c), or a filtrate thereof, with a pharmaceutically or dermatologically acceptable topical carrier or excipient.
34. (New) A process for making a cosmetic composition comprising the steps of:
- preparing a pulp from one or more fruit(s) and/or vegetable(s);
  - heating said fruit and/or vegetable pulp up to a temperature in the range of about 40°C to 100° C;
  - mixing between about 1 and 40% w/w of a base having a  $\text{pK}_a$  of less than 11 with the heated fruit and/or vegetable pulp of step (a), wherein said heated fruit and/or vegetable pulp has a temperature of about 40°C to 100° C;
  - the composition obtained in step (c), or a filtrate thereof, with a cosmetically or dermatologically acceptable topical carrier or excipient.

35. (New) The process of claim 33, further comprising the step of combining the composition of step (d) with one or more formulation ingredient(s) to obtain a topical formulation in the form of a lotion, cream, tonic, ointment, gel, paste, emulsion, salve, exfoliant, skin cleanser, toner, spray, masque, peel, sunscreen, lip balm, lipstick, depilatory and/or soap.
36. (New) The process of claim 34, further comprising the step of combining the composition of step (d) with one or more formulation ingredient(s) to obtain a topical formulation in the form of a lotion, cream, tonic, ointment, gel, paste, emulsion, salve, exfoliant, skin cleanser, toner, spray, masque, peel, sunscreen, lip balm, lipstick, depilatory and/or soap.
37. (New) A therapeutic composition produced by the process of claim 33.
38. (New) A cosmetic composition produced by the process of claim 34.
39. (New) The composition of claim 37, wherein the fruit and/or vegetable is selected from the group consisting of pawpaw, peach and a combination thereof.
40. (New) The composition of claim 38, wherein the fruit and/or vegetable is selected from the group consisting of pawpaw, peach and a combination thereof.
41. (New) The composition of claim 38, further comprising a formulation ingredient selected from the group consisting of emulsifiers, stabilizers, anti-oxidants, coloring agents, moisturizers, surfactants, emollients, conditioning agents, essential oils, fragrance, and combinations thereof.
42. (New) The composition of claim 38 in the form of a lotion, cream, gel, tonic, paste, emulsion, masque, oil, ointment, salve, exfoliant, skin cleanser, toner, spray, masque, peel, sunscreen, lip balm, lipstick, depilatory or soap.
43. (New) A fruit and/or vegetable derived composition comprising at least one heated fruit and/or vegetable pulp, or a filtrate thereof, and from 1 to 40% w/w of an added base having a pKa of less than 11, wherein said composition has a pH in the range of about 7.5 to about 9.5.
44. (New) A topical composition comprising at least one heated fruit and/or vegetable pulp, or a filtrate thereof, and from 1 to 40% w/w of an added base having a pKa of less than 11, and a pharmaceutically, cosmetically or dermatologically acceptable topical carrier or excipient, wherein said composition has a pH in the range of about 7.5 to about 9.5.

45. (New) The topical composition of claim 44, wherein the fruit and/or vegetable is selected from the group consisting of pawpaw, peach and a combination thereof.

46. (New) The topical composition of claim 44, further comprising a formulation ingredient selected from the group consisting of emulsifiers, stabilizers, anti-oxidants, coloring agents, moisturizers, surfactants, emollients, conditioning agents, essential oils, fragrance, and combinations thereof.